

WHAT IS CLAIMED IS:

- 1 1. A bag comprising side walls which are substantially impervious to moisture and having  
2 an opening at one end which is adapted to be sealed, a portion of a side wall comprising a  
3 substantially transparent material which is substantially impervious to moisture and a moisture  
4 indicating material mounted within the bag adjacent to the transparent material to enable the  
5 moisture indicating material to be viewed through the transparent material, and at least a portion  
6 of the moisture indicating material being exposed to air within the bag.
- 1 2. A bag according to claim 1, wherein a side wall of the bag further comprises a desiccant  
2 material which defines at least a portion of an inner surface of the side wall.
- 1 3. A bag according to claim 2, wherein the desiccant material comprises a silica gel.
- 1 4. A bag according to claim 1, wherein the side walls of the bag comprise a laminated  
2 material.
- 1 5. A bag according to claim 4, wherein the laminated material comprises a metal foil.
- 1 6. A bag according to claim 1, wherein the substantially transparent material comprises a  
2 transparent moisture barrier film.
- 1 7. A bag according to claim 1 in combination with an electronic device, the electronic  
2 device being sealed within the bag.

- 1 8. A bag according to claim 1 in combination with a packaged semiconductor device, the
- 2 packaged semiconductor device being sealed within the bag.

- 1 9. A bag for the storage and transportation of an electronics device, the bag comprising:  
2 a first side wall that is substantially impervious to moisture, a portion of the first side wall  
3 comprising a substantially transparent material which is substantially impervious to moisture;  
4 a second side wall that is substantially impervious to moisture, the first and second side  
5 walls being attached at three edges so that an opening is formed at one end, the opening being  
6 adapted to be sealed;  
7 a moisture indicating material mounted within the bag adjacent to the transparent material  
8 to enable the moisture indicating material to be viewed through the transparent material, wherein  
9 at least a portion of the moisture indicating material is exposed to air within the bag; and  
10 a porous inner bag attached to an inner wall of the first or second side wall; and  
11 a desiccant material located within the porous inner bag.
- 1 10. A bag according to claim 9, wherein the desiccant material comprises a silica gel.
- 1 11. A bag according to claim 9, wherein the first and second side walls of the bag comprise a  
2 laminated material.
- 1 12. A bag according to claim 11, wherein the laminated material comprises a metal foil.
- 1 13. A bag according to claim 9, wherein the substantially transparent material comprises a  
2 transparent moisture barrier film.
- 1 14. A bag according to claim 9 in combination with a packaged semiconductor device, the  
2 packaged semiconductor device being sealed within the bag.

1 15. A bag for the storage and transportation of an electronics device, the bag comprising:  
2 a first side wall that is substantially impervious to moisture, a portion of the first side wall  
3 comprising a substantially transparent material which is substantially impervious to moisture;  
4 a second side wall that is substantially impervious to moisture, the first and second side  
5 walls being attached at three edges so that an opening is formed at one end, the opening being  
6 adapted to be sealed;  
7 a first moisture level indicator mounted within the bag adjacent to the transparent  
8 material to enable moisture indicating material to be viewed through the transparent material,  
9 wherein at least a portion of the first moisture level indicator is exposed to air within the bag;  
10 a second moisture level indicator mounted within the bag adjacent to the transparent  
11 material to enable moisture indicating material to be viewed through the transparent material,  
12 wherein at least a portion of the second moisture level indicator is exposed to air within the bag;  
13 and  
14 a third moisture indicator level mounted within the bag adjacent to the transparent  
15 material to enable moisture indicating material to be viewed through the transparent material,  
16 wherein at least a portion of the third moisture level indicator is exposed to air within the bag.

1 16. A bag according to claim 15 wherein the first moisture level indicator provides a first  
2 warning that moisture in the bag is approaching a danger level, wherein the second moisture  
3 level indicator provides an intermediate warning that indicates to a user to put the electronics  
4 device into a new bag, and wherein the third moisture level indicator provides a warning that  
5 moisture levels have exceeded a recommended maximum level.

- 1 17. A bag according to claim 15, and further comprising:  
2 a porous inner bag attached to an inner wall of the first or second side wall; and  
3 a desiccant material located within the porous inner bag.
- 1 18. A bag according to claim 17, wherein the desiccant material comprises a silica gel.
- 1 19. A bag according to claim 15, wherein the first and second side walls of the bag comprise  
2 a laminated material, wherein the laminated material comprises a metal foil.
- 1 20. A bag according to claim 15, wherein the substantially transparent material comprises a  
2 transparent moisture barrier film.